

The Emerald Bay MUD water system collected (2) water samples during May 2011, that contained coliform bacteria. This water system is required to submit a minimum of two routine water samples each month for bacteriological analysis. One routine sample was coliform-found and one repeat sample was coliform-found for the month and year indicated.

The Texas Commission on Environmental Quality (TCEQ) sets drinking water standards in Texas and has determined that the presence of total coliform is a possible health concern. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

For water systems analyzing at least 40 samples per month, no more than five (5) percent of the monthly samples may be positive for total coliform. For systems analyzing fewer than 40 samples per month, no more than one (1) sample per month may be positive for total coliform.

Operators explanation,

Please note that when the original sample site was re-tested the test result for that site was found to be negative, but one of the repeat up stream samples showed positive. The water system operator then took seven more additional samples. The results of those samples were all negative.

No fecal coliform was found in any of the samples taken and the chlorine residuals at all sample sites were all within normal range. It is believed that the two (2) positive results discovered in May were caused by coliform bacteria in the air that entered the sample bottles due to extremely high winds experienced in May when the samples were taken.

If you have any questions regarding this matter, you may contact Bryan Johnson at (903) 521-6570 or (903) 597-2122.

Sincerely,

Bryan Johnson

Chief Operator for Emerald Bay MUD
Brannon Corporation